AUTODOC CLUB

How to change rear shock absorbers on **Skoda Octavia 1Z5** – replacement guide

VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
SKODA Octavia II Combi (1Z5) 2.0 TDI 4x4, SKODA Octavia II Combi (1Z5) 1.6 TDI 4x4, SKODA Octavia II Combi (1Z5) 1.6 LPG, SKODA OCTAVIA (1Z3) 1.6 LPG, SKODA SUPERB (3T4) 1.8 TSI, SKODA SUPERB (3T4) 1.8 TSI 4x4, SKODA SUPERB Estate (3T5) 1.8 TSI, SKODA SUPERB Estate (3T5) 1.8 TSI 4x4, SKODA Octavia II Combi (1Z5) 2.0 TDI 16V 4x4, SKODA SUPERB (3T4) 2.0 TSI, SKODA SUPERB (3T4) 1.6 TDI, SKODA SUPERB Estate (3T5) 2.0 TSI, SKODA SUPERB Estate (3T5) 1.6 TDI, SKODA YETI (5L) 1.6 TDI, SKODA Octavia II Combi (1Z5) 1.4, (+ 51)

The steps may slightly vary depending on the car design.

REPLACEMENT: SHOCK ABSORBERS – SKODA OCTAVIA 1Z5. TOOLS YOU MIGHT NEED:

- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #18
- Drive socket # 16
- Drive socket # 17
- Drive socket # 18
- Drive socket # 21
- Torx bit T25
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Tap wrench
- Shock absorber socket #DD6
- Shock absorber socket #DD8
- Vice
- Crow bar
- Hydraulic transmission jack
- Wheel chock

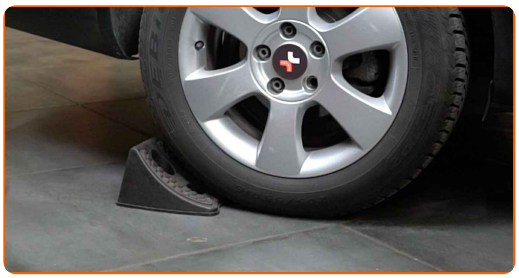
BUY TOOLS

Replacement: shock absorbers – Skoda Octavia 1Z5. Tip:

- Both shock absorbers of the rear suspension should be replaced simultaneously.
- The replacement procedure is identical for the left and right shock absorbers of the rear suspension.
- All work should be done with the engine stopped.

REPLACEMENT: SHOCK ABSORBERS – SKODA OCTAVIA 1Z5. USE THE FOLLOWING PROCEDURE:

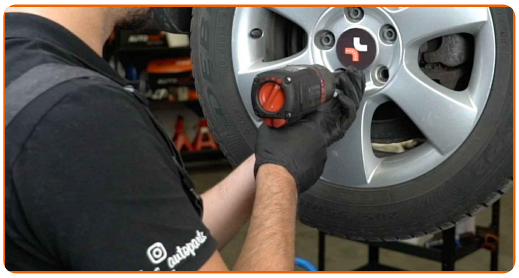
1 Secure the wheels with chocks.



2 Loosen the wheel mounting bolts. Use wheel impact socket #17.

3 Raise the rear of the car and secure on supports.

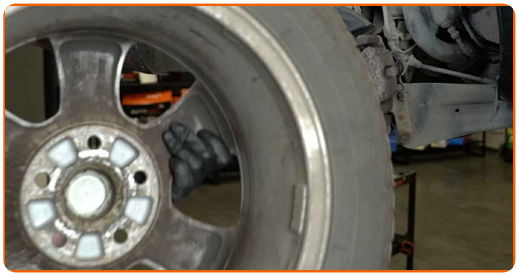
4 Unscrew the wheel bolts.



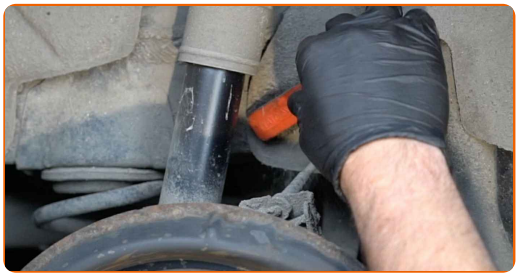
Replacement: shock absorbers – Skoda Octavia 1Z5. Tip from AUTODOC:

- To avoid injury, hold up the wheel when unscrewing the bolts.

5 Remove the wheel.



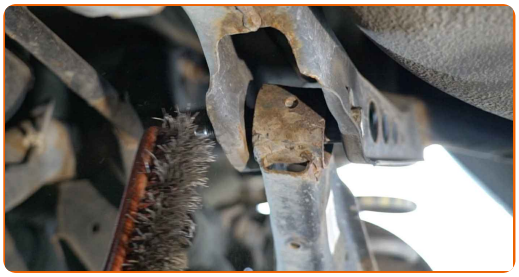
6 Clean the fasteners of the locker. Use a wire brush. Use WD-40 spray.



7 Unscrew and remove the wheel arch cover fasteners. Use Torx T25. Use a ratchet wrench.

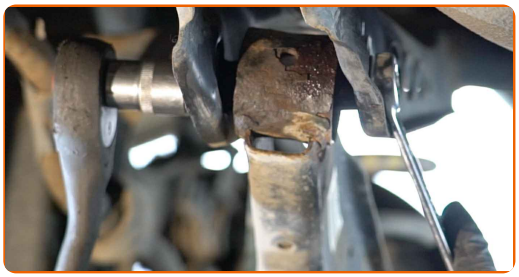
8 Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.

9 Clean all joints of the arm. Use a wire brush. Use WD-40 spray.



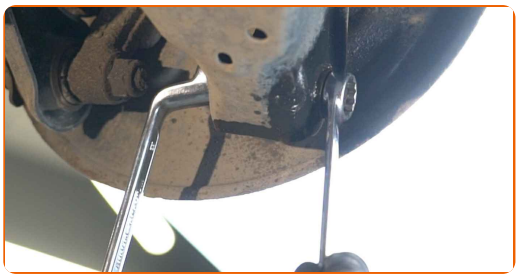
10 Make a mark on the camber adjustment bolt.

11 Unscrew the arm fastening to the beam. Use a combination spanner #18. Use a drive socket #18. Use a ratchet wrench.



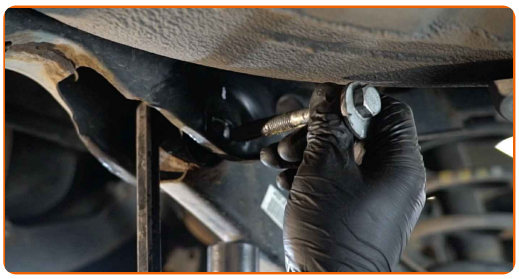
12 Clean all joints of the arm. Use a wire brush. Use WD-40 spray.

13 Unscrew the fastener connecting the control arm to the rear knuckle. Use a combination spanner #18 (2 pieces).



14 Support the arm. Use a hydraulic transmission jack.

15 Remove the fastening bolt. Use a combination spanner #18. Use a crowbar.

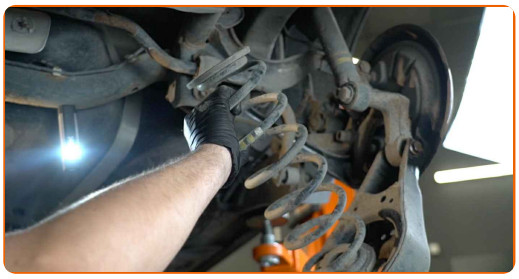


16 Remove the support from under the arm.

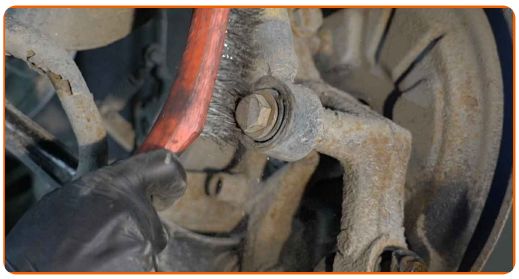
Replacement: shock absorbers – Skoda Octavia 1Z5. AUTODOC recommends:

- Lower the hydraulic transmission jack smoothly, without jerks, to avoid damaging assemblies and mechanisms.

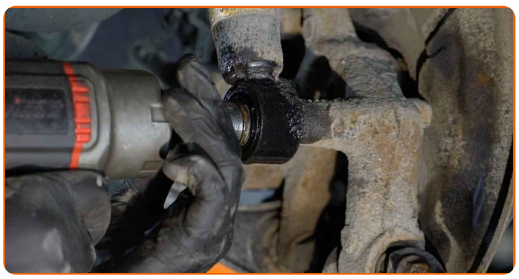
17 Pull down the suspension control arm. Take out the spring.



18 Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.

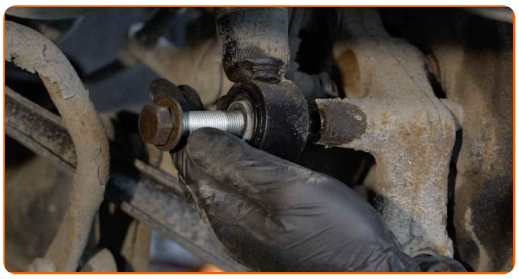


19 Unscrew the lower fastener of the shock absorber. Use a drive socket #21. Use a tap wrench.



20 Unscrew the upper fastener of the shock absorber. Use a drive socket #16. Use a ratchet wrench.

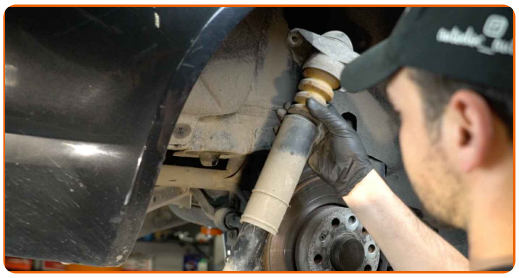
21 Remove the fastening bolts.



AUTODOC recommends:

- Skoda Octavia 1Z5 – To avoid injury, hold the shock absorber while unscrewing the fastening bolts.

22 Remove the shock absorber.



23 Grip the shock absorber in a vice.

24 Remove the protective cap of the shock absorber mount. Use a crowbar.

25 Clean the shock absorber rod fastener. Use a wire brush. Use WD-40 spray.

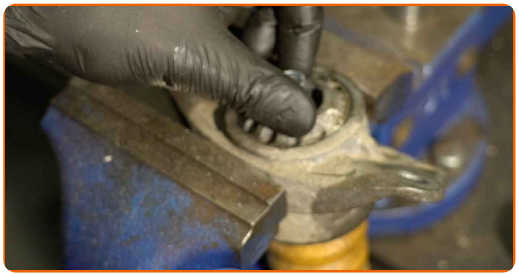
26 Remove the shock absorber piston rod fastening. Use a shock absorber socket DDN№6. Use a drive socket #17. Use a ratchet wrench.

27 Remove the shock absorber mount, boot and bump stop.

AUTODOC recommends:

- Replacement: shock absorbers – Skoda Octavia 1Z5. Carefully inspect the mount, the boot, and the bump stop of the shock absorber. Replace if necessary.
- Before installing a new shock absorber you should pump it manually 3-5 times.

28 Install the mount, boot and bump stop onto a new shock absorber.



29 Tighten the shock absorber rod nut. Use a shock absorber socket DDN№8. Use a drive socket #16. Use a torque wrench. Tighten it to 25 nm torque.

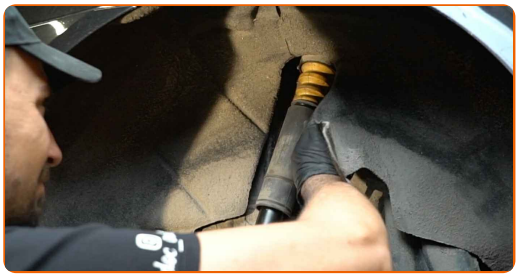
30 Treat the shock absorber rod fastener. Use copper grease.

31 Install the protective cap of the shock absorber mount.

32 Release the vice and take out the shock absorber.

33 Clean the shock absorber mounting seats. Use a wire brush. Use WD-40 spray.

34 Place the shock absorber in the wheel arch and secure it.



AUTODOC recommends:

- Important! Hold the shock absorber while screwing in the fastening bolts. Skoda Octavia 1Z5

35 Install the fastening bolt.

36 Screw the upper fastener of the shock absorber. Use a drive socket #16. Use a ratchet wrench.

37 Tighten the top shock absorber fastening. Use a drive socket #16. Use a torque wrench. Tighten it to 50 Nm torque.+45°

AUTODOC recommends:

- Important! Be sure to use new fasteners.

38 Treat the shock absorber fasteners. Use copper grease.

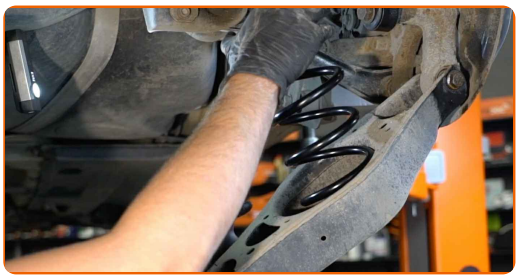
39 Install and tighten the wheel arch cover fasteners. Use Torx T25. Use a ratchet wrench.

40 Install the fastening bolt.

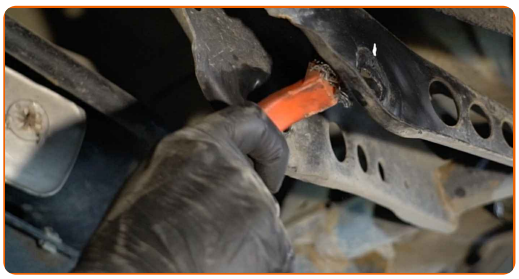
41 Screw in the lower fastener of the shock absorber. Use a drive socket #21. Use a ratchet wrench.

42 Clean the coil spring mounting seats. Use a wire brush. Use WD-40 spray.

43 Install the coil spring together with the rubber mounts into the mounting seats.

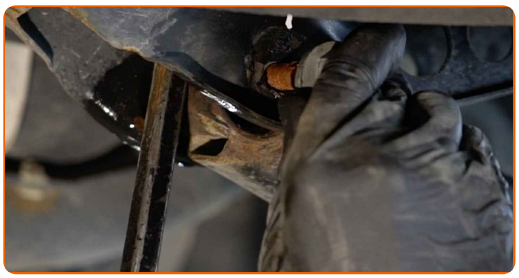


44 Clean the mounting seats and the thread of the suspension arm. Use a wire brush. Use WD-40 spray.



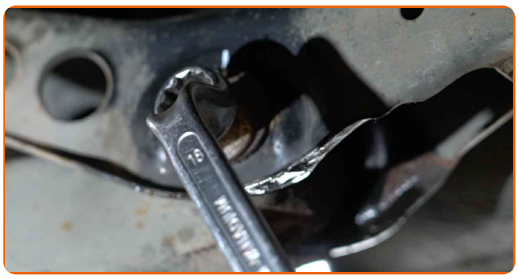
45 Support the arm. Use a hydraulic transmission jack. Use a crowbar.

46 Install the fastening bolt.



47 Adjust the position of the alignment bolt according to the mark.

48 Screw in the fastener connecting the control arm to the subframe. Use a drive socket #18. Use a ratchet wrench.



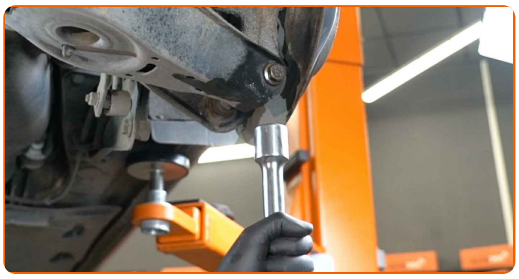
49 Remove the support from under the arm.

AUTODOC recommends:

- Replacement: shock absorbers – Skoda Octavia 1Z5. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

50 Screw in the fastener connecting the control arm to the subframe. Use a combination spanner #18 (2 pieces).

51 Support the arm. Use a hydraulic transmission jack.



52 Tighten the lower fastener of the shock absorber. Use a drive socket #21. Use a torque wrench. Tighten it to 130 Nm torque.+90°

AUTODOC recommends:

- Important! Be sure to use new fasteners.

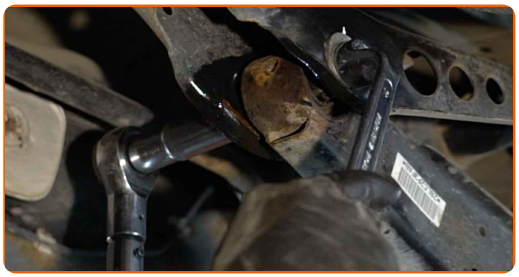
53 Screw in the fastener that connects the control arm to the rear knuckle. Use a combination spanner #18 (2 pieces).

54 Tighten the fastener connecting the suspension arm to the rear knuckle. Use a combination spanner #18. Use a drive socket #18. Use a torque wrench. Tighten it to 90 Nm torque.+90°

AUTODOC recommends:

- Important! Be sure to use new fasteners.

55 Tighten the arm fastening to the beam. Use a combination spanner #18. Use a drive socket #18. Use a torque wrench. Tighten it to 95 nm torque.

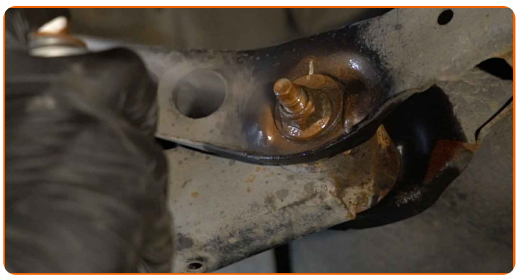


56 Remove the support from under the arm.

AUTODOC recommends:

- Skoda Octavia 1Z5 – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

57 Treat the shock absorber fasteners. Treat all joints of the arm. Use copper grease.



58 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

59 Clean the brake disk surface. Use a brake cleaner.

Replacement: shock absorbers – Skoda Octavia 1Z5. Tip from AUTODOC experts:

- After applying the spray, wait a few minutes.

60 Install the wheel.

61 Screw in the wheel bolts. Use wheel impact socket #17.

62 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 Nm torque.

63 Remove the jacks and chocks.

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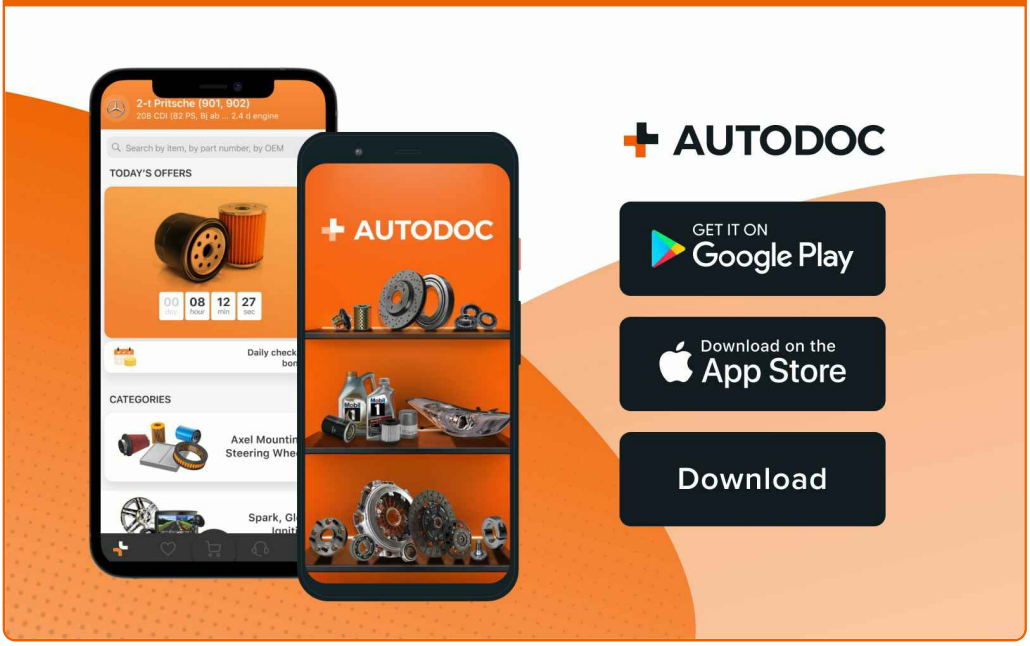

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